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☐ 1: J Immunol Methods. 1982;50(2):193-204.

Related Articles, Links

Texas Red, a hydrophilic, red-emitting fluorophore for use with fluorescein in dual parameter flow microfluorometric and fluorescence microscopic studies.

Titus JA, Haugland R, Sharrow SO, Segal DM.

The sulfonylchloride derivative of the red-emitting fluorophore, sulforhodamine 101, has been synthesized in order to provide a reagent for coupling to amino groups on proteins and other compounds, and it is now commercially available under the name 'Texas Red'. Texas Red conjugates of antibodies and other proteins have been prepared in high protein yields; these conjugates retained their biological activities and were strongly fluorescent. The excitation and emission spectra of Texas Red conjugates are widely separated from those of molecules labeled with fluorescein isothiocyanate. Texas Red is therefore an excellent reagent for use in single or dual label flow microfluorometric and fluorescent microscopic studies.

PMID: 6806389 [PubMed - indexed for MEDLINE]

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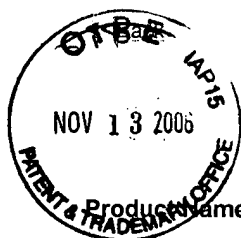
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Oct 30 2006 07:27:22



Print Product Information

Miscellaneous Fluorescent Chemicals And Related Products

Product Name: **Sulforhodamine 101**

Cat #	Product Name	Unit Size
80101	Sulforhodamine 101	500 mg

Product Description:

Storage: Store at room temperature.

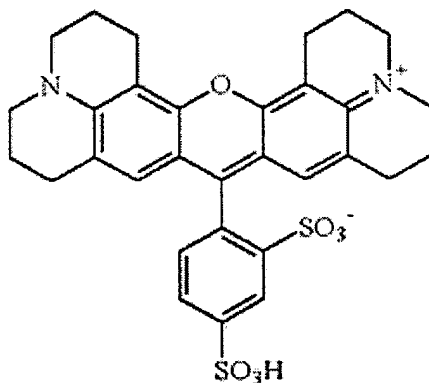
Sulforhodamine 101 has a longer absorption wavelength than does sulforhodamine B. Like sulforhodamine B and G, in addition to their potential use in cancer drug screening, these fluorescent dyes have been primarily used as polar tracers for the studies of neuronal cell morphology and cell-cell communications(3). See [80100](#) for more information.

 $\lambda_{\text{abs}}/\lambda_{\text{em}} = 586/605 \text{ nm.}$

Red solid soluble in water. Store at room temperature.

Mwt: 607.

Chemical Structure of 80101



References

N/A

For detailed product information on Miscellaneous Fluorescent Dyes and Related Chemicals, go to the link [Miscellaneous Dyes and Related Chemicals](#) and click on the catalogue numbers or product names.

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